

Title (en)

Universal communications interface adaptable for a plurality of interface standards

Title (de)

Universelle Übertragungsschnittstelle anpassbar an eine Vielzahl von Schnittstellenstandards

Title (fr)

Interface universelle de communication adaptable à une pluralité de standards d'interface

Publication

EP 0542657 B1 19980429 (EN)

Application

EP 92480144 A 19921009

Priority

US 79005091 A 19911112

Abstract (en)

[origin: EP0542657A1] The interface subsystem comprises a universal interface card or unit for use with any of a plurality of electrical interface standards, for example, EIA-232-D, and CCITT Recommendations V.35 and X.21. The interface subsystem further comprises a cable selected from a set of cables for use with the particular standard being utilized. The particular cable has preconditioning means so that the signals conforming to the corresponding interface standard are within a voltage-level window suitable for the universal interface unit for processing. The universal interface unit comprises an input/output port for receiving the preconditioned signals having common pins among the interface standards. The preconditioned signals are routed to one or more receivers for converting the signals to TTL level for processing by a communications processor. <IMAGE>

IPC 1-7

H04L 29/10; H04L 29/06

IPC 8 full level

H04L 29/08 (2006.01); **H04L 29/06** (2006.01); **H04L 29/10** (2006.01)

CPC (source: EP US)

H04L 9/40 (2022.05 - EP US); **H04L 12/2858** (2013.01 - EP)

Cited by

US6151625A; US6016523A; CN113871927A; DE102006059749A1; DE102006059749B4; DE19615093A1; DE19615093C2; US6732191B1; US10120359B2; US7519737B2; US6282454B1; US7058693B1; WO2010069664A1; WO2008074401A1; WO2021118841A1; US7181487B1; US6327511B1; US7032029B1; US6434157B1; US8291121B2; US7590702B2; US6233626B1; US6466995B2; US6845401B1; US6853867B1; US7062335B2; US7035898B1; US6760848B1; US11106611B2

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